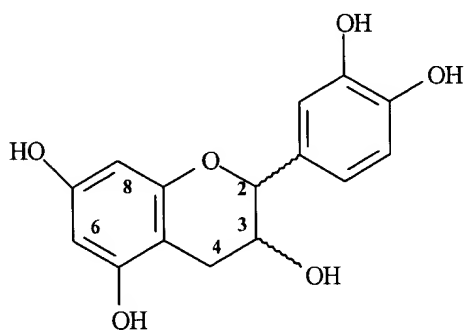


AMENDMENT TO THE CLAIMS:

Claims 1-131 (cancelled).

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Claim 132 (currently amended): A composition comprising a cocoa procyanidin monomer and/or oligomer in the amount effective to inhibit platelet aggregation and a carrier selected from the group consisting of a pharmaceutically acceptable carrier, veterinary acceptable carrier, dietary supplement carrier and food, wherein said composition is packaged with instructions directing use of the composition as an antiplatelet therapy, and wherein the cocoa procyanidin monomer is of the formula:



and the cocoa procyanidin oligomer is composed of the monomers connected via interflavan linkages 4→6 and/or 4→8.

Claim 133 (Previously added): The composition of claim 132, wherein the cocoa procyanidin is a dimer.

Claim 134 (Previously added): The composition of claim 132, wherein the cocoa procyanidin is at least one of oligomers 3-12 or any mixture thereof.

Claim 135 (Previously added): The composition of claim 132, wherein the cocoa monomer and/or oligomer is in the form of a cocoa extract or cocoa procyanidin-containing fraction thereof.

Claim 136 (Previously added): The composition of claim 132, wherein the monomer comprises epicatechin and the oligomer comprises an epicatechin-containing oligomer.

Claim 137 (Previously added): The composition of claim 132, wherein the carrier is a pharmaceutically acceptable carrier.

Claim 138 (Previously added): The composition of claim 132, wherein the carrier is a veterinary acceptable carrier.

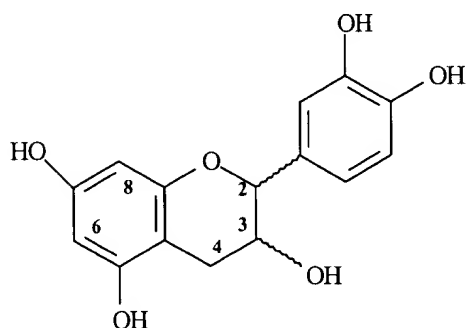
Claim 139 (Previously added). The composition of claim 132, wherein the carrier is a food.

Claim 140 (Previously added) The composition of claim 132, which is a dietary supplement.

Claims 141-193 (Cancelled)

Claim 194 (Previously added) A method of anti-platelet therapy or prophylaxis comprising administering to a subject in need thereof a composition comprising an effective amount of a cocoa procyanidin monomer and/or oligomer and a carrier selected from the group consisting of a pharmaceutically acceptable carrier, veterinary acceptable carrier, dietary

supplement carrier and food, wherein said subject is a human or a veterinary animal, and wherein the cocoa procyanidin monomer is of the formula:



and the cocoa procyanidin oligomer is composed of the monomers connected via interflavan linkages 4→6 and/or 4→8.

Claim 195 (Previously added) The method of claim 194, wherein said subject is a human.

Claim 196 (Previously added) The method of claim 194, wherein the cocoa procyanidin is a dimer.

Claim 197 (Currently amended) The ~~composition~~ method of claim 194, wherein the cocoa monomer and/or oligomer is in the form of a cocoa extract or cocoa procyanidin-containing fraction thereof.

Claim 198 (Currently amended) The ~~composition~~ method of claim 194, wherein the monomer comprises epicatechin and the oligomer comprises an epicatechin-containing oligomer.

Claim 199 (Previously added) The method of claim 194, wherein the cocoa procyanidin is at least one of oligomers 3-12 or any mixture thereof.

Claim 200 (Previously added) The method of claim 199, wherein the carrier is a pharmaceutically acceptable carrier.

Claim 201 (Previously added) The method of claim 194 wherein the carrier is a food.

Claim 202 (Previously added) The method of claim 194 further comprising administering to the subject a cyclo-oxygenase modulator.

Claim 203 (Previously added) The method of claim 202, wherein the cyclo-oxygenase modulator is a non-steroidal anti-inflammatory drug.

Claim 204 (Previously added) The method of claim 203, wherein the non-steroidal anti-inflammatory drug is an aspirin.

Claims 205-224 (Cancelled)